

Title (en)

DEVICE FOR CLOSING A THREADED NECK OF A CONTAINER PROVIDING TAMPER-EVIDENCE

Title (de)

VORRICHTUNG ZUM VERSCHLIESSEN EINER GEWINDEHALSES EINES BEHÄLTERS MIT ORIGINALITÄTSSICHERUNG

Title (fr)

DISPOSITIF DE FERMETURE D'UN GOULOT FILETÉ D'UN RÉCIPIENT ASSURANT UNE INVOLABILITÉ

Publication

EP 4003863 A1 20220601 (EN)

Application

EP 20743144 A 20200723

Priority

- EP 19188510 A 20190726
- EP 2020070766 W 20200723

Abstract (en)

[origin: EP3770079A1] The invention relates to a Device for closing a threaded neck of a container providing tamper-evidence, the device comprising a cap and a plug, wherein the cap comprises a front surface and a skirt surrounding the front surface, wherein the skirt comprises an inner thread for engaging with a thread of the threaded neck of the container, wherein the plug is at least partially arranged inside the skirt, wherein the front surface has an inner piece and an outer piece that surrounds the inner piece, wherein the inner piece is connected to the outer piece by a connection, wherein the connection between the inner piece and the outer piece has a material weakening, wherein the inner piece is in mechanical engagement with the plug, the mechanical engagement allowing a force, preferably a rotational force to be transmitted from the inner piece to the plug.

IPC 8 full level

B65D 41/34 (2006.01); **B65D 51/18** (2006.01); **B65D 55/02** (2006.01)

CPC (source: EP US)

B65D 51/18 (2013.01 - EP US); **B65D 2251/0015** (2013.01 - EP US); **B65D 2251/0075** (2013.01 - EP US); **B65D 2401/15** (2020.05 - EP US)

Citation (search report)

See references of WO 2021018716A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3770079 A1 20210127; CA 3143769 A1 20210204; EP 4003863 A1 20220601; US 2022250813 A1 20220811; WO 2021018716 A1 20210204

DOCDB simple family (application)

EP 19188510 A 20190726; CA 3143769 A 20200723; EP 2020070766 W 20200723; EP 20743144 A 20200723; US 202017627718 A 20200723